

## Element Performance Inspection (EPI) Data Collection Tool

### 1.3.11 Continuous Analysis and Surveillance (CAS) (AW)

#### ELEMENT SUMMARY INFORMATION

**Purpose of this Element** (certificate holder's responsibility):

- To establish and maintain a system for the Continuing Analysis and Surveillance (CAS) of the performance and effectiveness of its inspection program, the program covering other maintenance, preventive maintenance and alterations, and for the correction of any deficiency in those programs, regardless of whether those programs are carried out by the certificate holder or by another person.

**Objective** (FAA oversight):

- To determine the effectiveness of the certificate holder's procedures in meeting the desired output of the process.
- To determine if the certificate holder follows its procedures, controls, process measurements, and interfaces for the Continuous Analysis and Surveillance (CAS) System.
- To determine if there were any changes in the personnel identified by the certificate holder as having responsibility and/or authority for the Continuing Analysis and Surveillance (CAS) System.

**Specific Instructions:**

- To accomplish this EPI, the inspector must monitor CAS meetings, audit the certificate holder's CASS records to identify problems and deficiencies in the inspection program or the program covering other maintenance, preventive maintenance and alterations. To ensure the certificate holder uses this information to correct problems with its inspection program or the program covering other maintenance, preventive maintenance and alterations.

**Related EPIs:**

- 1.1.1 Aircraft Airworthiness (AW)
- 1.1.2 Appropriate Operational Equipment (AW)
- 1.1.3 Special Flight Permits (AW)
- 1.1.2 Appropriate Operational Equipment (OP)
- 1.2.1 Airworthiness Release / Logbook Entry (AW)
- 1.2.2 Major Repairs and Alterations Records (AW)
- 1.2.3 Maintenance Log / Recording Requirements (AW)
- 1.2.4 MIS Reports (AW)
- 1.2.5 Service Difficulty Reports (SDR) (AW)
- 1.3.1 Maintenance Program (AW)
- 1.3.2 Inspection Program (AW)
- 1.3.3 Maintenance Facility / Main Maintenance Base (AW)
- 1.3.4 Required Inspection Items (RII) (AW)
- 1.3.6 AD Management (AW)
- 1.3.7 Outsource Organization (AW)
- 1.3.8 Control of Calibrated Tools and Test Equipment (AW)
- 1.3.10 Parts / Material Control / SUP (AW)
- 1.3.14 General Maintenance Manual / Equivalent (AW)
- 1.3.15 Reliability Program (AW)

- 1.3.16 Fueling (AW)
- 1.3.17 Weight and Balance Program (AW)
- 1.3.19 Lower Landing Minimums (LLM) (AW)
- 1.3.20 Engine Condition Monitoring (AW)
- 1.3.21 Parts Pooling (AW)
- 1.3.22 Parts Borrowing (AW)
- 1.3.23 Short-Term Escalations (AW)
- 1.3.24 Coordinating Agencies for Suppliers Evaluation (CASE) (AW)
- 1.3.25 Cargo Handling Equipment, Systems and Appliances (AW)
- 2.1.1 Manual Currency (AW)
- 2.1.2 Content Consistency Across Manuals (AW)
- 2.1.3 Distribution (Manuals) (AW)
- 2.1.4 Availability (Manuals) (AW)
- 2.1.5 Supplemental Operations Manual Requirements (AW)
- 4.1.1 RII Personnel (AW)
- 4.1.2 Maintenance Certificate Requirements (AW)
- 4.2.1 Maintenance Training Program (AW)
- 4.2.2 RII Training Requirements (AW)
- 4.4.1 Recency of Experience (AW)
- 4.4.2 Display of Certificate (AW)
- 4.4.3 Privileges Airframe and Powerplant (AW)
- 4.4.4 Privileges and Limitations for Repairmen (AW)
- 5.1.1 Line Stations (AW)
- 5.1.8 Extended Range Operations with Two-Engine Airplanes (ETOPS) (AW)
- 5.1.9 RVSM Authorization (AW)
- 6.2.1 Maintenance Duty Time Limitations (AW)
- 7.1.1 Director of Maintenance (AW)
- 7.1.2 Chief Inspector (AW)
- 7.1.3 Director of Safety (AW)

## SUPPLEMENTAL INFORMATION

### Specific Regulatory Requirements (SRRs):

- SRRs:
  - 121.135(a)(1)
  - 121.135(b)(1)
  - 121.135(b)(2)
  - 121.135(b)(3)
  - 121.373(a)
  - 121.373(b)

### Related CFRs & FAA Policy/Guidance:

- Related CFRs:
  - Intentionally left blank
- FAA Policy/Guidance:
  - FAA Order 8300.10, Volume 3, Chapter 37
  - FAA Order 8300.10, Volume 2, Chapter 65
  - FAA Order 8300.10, Volume 2, Chapter 69
  - HBAW 05-06
  - AC 120-16C
  - AC 120-79
  - HBAW 96-05C



## EPI SECTION 1 - PERFORMANCE OBSERVABLES

**Objective:** (FAA oversight responsibility): The tasks and questions in this section of the data collection tool (DCT) are designed to assist the inspector in determining if the certificate holder follows its written procedures and controls and meets the established performance measures of the process. To accomplish this, questions have been generated to test both the outputs of the process as well as the process itself. Question 1 and its following subquestions are directed at the output(s) of the process, whereas questions 2-6, when answered, should be directed at the process itself

### Tasks

|    |   |
|----|---|
|    | To meet this objective, the inspector must accomplish the following tasks (at the inspection locations where applicable):   |
| 1. | Review the information listed in the Supplemental Information section of this DCT.  |
| 2. | Review the policies, procedures, instructions, and information for the Continuous Analysis and Surveillance (CAS) System contained in the certificate holder's manual.                |
| 3. | Review the last accomplished safety attribute inspection (SAI) for this element with emphasis on the controls, process measurements and interface attribute responses.                |
| 4. | Observe the Continuous Analysis and Surveillance (CAS) System to gain an understanding of the procedures, instructions, and information contained in the certificate holder's manual. |
| 5. | Discuss the Continuous Analysis and Surveillance (CAS) System with the personnel (other than management) who perform the duties and responsibilities required by the program.         |

### Questions

|      |  |  |
|------|--|--|
|      | To meet this objective, the inspector must answer the following questions:   |  |
| 1.   | Determine whether the following performance measures were met:   |  |
| 1.1. | <p>Did the certificate holder conduct audits to determine the performance and effectiveness of its inspection program and its program covering other maintenance, preventive maintenance, and alterations, regardless of whether those programs were carried out by the certificate holder or by another person?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, to ensure it includes tear-down reports for those components removed in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</li> <li>2. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, to ensure it includes tear-down reports from vendor's, for those components removed in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</li> <li>3. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base publications and work forms were current and readily available to the user in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</li> <li>4. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base major repairs/alterations were classified properly and</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

|     |   |  |
|-----|---|--|
|     | <p>accomplished with approved data in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>   |  |
| 5.  | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base carryover items were properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>   |  |
| 6.  | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base deferred maintenance was properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>   |  |
| 7.  | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base vendors were properly authorized, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                       |  |
| 8.  | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base vendors were properly qualified, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                        |  |
| 9.  | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base vendors were properly staffed, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                          |  |
| 10. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Main Base vendors were properly equipped, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                         |  |
| 11. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base publications and work forms were current and readily available to the user in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>             |  |
| 12. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base major repairs/alterations were classified properly and accomplished with approved data in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> |  |
| 13. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base carryover items were properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>  |  |
| 14. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base deferred maintenance was properly handled in accordance with the Certificate Holder's design.</p>   |  |

|  |  |  |
|--|--|--|
|  | <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>15. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base vendors were properly authorized, to do the contractor function according to the operator's manual in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>16. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base vendors were properly qualified, to do the contractor function according to the operator's manual in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>17. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base vendors were properly staffed, to do the contractor function according to the operator's manual in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>18. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Sub Base vendors were properly equipped to do the contractor function according to the operator's manual in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>19. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit contains a method to ensure all Line Station publications and work forms were current and readily available to the user in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>20. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station major repairs/alterations were classified properly and accomplished with approved data in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>21. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station carryover items were properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>22. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station deferred maintenance was properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>23. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station vendors were properly authorized, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>24. Check at the air carrier specified location, by reviewing a continuing</p> |  |
|--|--|--|

|     |  |  |
|-----|--|--|
|     | <p>analysis and surveillance system audit, that the audit results reflect all Line Station vendors were properly qualified, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>   |  |
| 25. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station vendors were properly staffed, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                                      |  |
| 26. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all Line Station vendors were properly equipped to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                                      |  |
| 27. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit that the audit results reflect all shops' publications and work forms were current and readily available to the user in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                               |  |
| 28. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' major repairs/alterations were classified properly and accomplished with approved data in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>                  |  |
| 29. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' operate in accordance with company procedure making sure that carryover items were properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>     |  |
| 30. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' operate in accordance with company procedure making sure that deferred maintenance was properly handled in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> |  |
| 31. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' vendors were properly authorized, qualified, staffed, and equipped to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>        |  |
| 32. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' vendors were properly authorized, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>   |  |
| 33. | <p>Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' vendors were properly qualified, to do the contractor function in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p>  |  |

|  |   |  |
|--|---|--|
|  | <p>34. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, that the audit results reflect all shops' vendors were properly equipped, to do the contractor function in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>35. Check at the air carrier specified location by reviewing the continuing analysis and surveillance system audit records, that the total maintenance program is being audited on a continuous basis in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>36. Check at the air carrier specified location by reviewing the continuing analysis and surveillance system audit records, that the contract agencies are being audited on a continuous basis in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>37. Check at the air carrier specified location by reviewing the continuing analysis and surveillance system audit records, that the personnel listed as responsible for performing audits, are the ones who actually performed the audits in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>38. Check at the air carrier specified location by reviewing the continuing analysis and surveillance system audit records, that audits are being performed when scheduled in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>39. Check at the air carrier specified location by observing an audit being performed, that it is accomplished in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>40. Check at the air carrier specified location by reviewing the continuing analysis and surveillance system audit records, that they are retained in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(a)</p> <p>41. Check at the air carrier specified location by observing an audit that any findings were recorded in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <p>42. Check at the air carrier specified location by observing an audit that any findings had the subsequent action recorded in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <p>43. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance system is auditing aircraft inspections in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> |  |
|--|---|--|



|  |   |  |
|--|---|--|
|  | <p>44. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing scheduled maintenance in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>45. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing unscheduled maintenance in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>46. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing aircraft, engine, prop, and appliance repairs in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>47. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing aircraft, engine, prop, and appliance repairs in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>48. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing maintenance manuals in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>49. Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance program is auditing Mechanical Interruption Summary Reports (MISR's) in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B.</p> <p>50. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing vendor facilities and capabilities in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>51. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is auditing maintenance organization staffing in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>52. Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance program is auditing the Required Inspection Items Program (RII's) in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B.</p> <p>53. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system a record review covering accountability for all inspection requirements was conducted in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>54. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system audit results indicate that a record review covering routine maintenance records was conducted in accordance with the Certificate Holder's design.</p> |  |
|--|---|--|

|  |   |  |
|--|---|--|
|  | <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>55. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system conducted a record review covering non-routine maintenance records was conducted in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>56. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system audit results indicate that a record review covering overhaul records was conducted in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>57. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system audit results indicate that a record review covering Methods of Airworthiness Directives (AD's) compliance was conducted in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>58. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system audit results indicate that a record review covering Service bulletin compliance was conducted in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, C (5)</p> <p>59. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate the staffing, described in the manual, is available and appropriate for the complexity of the operator/applicant's operation in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, D</p> <p>60. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate timely corrective action for the degree and frequency of adjustment of calibrated equipment in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> AC 120-16C 9.a.(2)</p> <p>61. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate maintenance is being performed in accordance with the methods specified in the Certificate Holder's design.</p> <p><i>Sources:</i> AC 120-16C 9.b(2)</p> <p>62. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate maintenance is being performed in accordance with the standards specified in the Certificate Holder's design.</p> <p><i>Sources:</i> AC 120-16C 9.b(2)</p> <p>63. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate that maintenance is being performed in accordance with the techniques specified in Certificate Holder's design.</p> <p><i>Sources:</i> AC 120-16C 9.b(2)</p> <p>64. Check at the air carrier specified location by observing an audit that maintenance forms are being checked for completeness in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> AC 120-16C 9.b(3)</p> <p>65. Check at the air carrier specified location by observing an audit that</p> |  |
|--|---|--|

|      |  |   |
|------|--|---|
|      | <p>maintenance forms are being screened for proper entries in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> AC 120-16C 9.b(3)</p> <p>66. Check at the air carrier specified location by observing an audit that maintenance forms are being screened for RII identification in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> AC 120-16C 9.b(3)</p> <p>67. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate records pertaining to tracked components are cross-referenced to stock issue records in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> AC 120-16C 9.b(4)</p> <p>68. Check at the air carrier specified location the total maintenance system is being audited and indications of inadequate training are being identified in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> AC 120-16C 9.b(5)</p> <p>69. Check at the air carrier specified location that the continuing analysis and surveillance system audit results indicate airworthiness releases are executed in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> AC 120-16C 9.b(6)</p>  |   |
| 1.2. | <p>Did the certificate holder collect and analyze data to determine the performance and effectiveness of its inspection program and its program covering maintenance, preventive maintenance, and alterations, regardless of whether those programs were carried out by the certificate holder or by another person?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the air carrier specified location that each completed audit is analyzed to identify deficiencies in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <p>2. Check at the air carrier specified location, by observing the continuing analysis and surveillance system "performance analysis function", that the daily monitoring related to the performance of affected aircraft systems, including aircraft engines and components, is taking place in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> <p>3. Check at the air carrier specified location for daily monitoring records related to the performance of affected aircraft systems, including aircraft engines and components, required by the continuing analysis and surveillance system audit, in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> <p>4. Check at the air carrier specified location by observing the continuing analysis and surveillance system "performance analysis function", that daily monitoring related to daily mechanical problems for affected aircraft is taking place in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> <p>5. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance system "performance analysis function", is monitoring mechanical problems for affected aircraft</p> | <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> |

|     |   |  |
|-----|---|--|
|     | <p>on a daily basis in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>  |  |
| 6.  | <p>Check at the air carrier specified location by observing the continuing analysis and surveillance system "performance analysis function", that daily monitoring of deferred maintenance items including excessive number and times is taking place in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>  |  |
| 7.  | <p>Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance system "performance analysis function", is monitoring deferred maintenance items including excessive number and times on a daily basis, in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>                                 |  |
| 8.  | <p>Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system "performance analysis function", reflects long-term monitoring related to the performance of affected aircraft systems, including aircraft engines and components in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> |  |
| 9.  | <p>Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system "performance analysis function" reflects long-term monitoring of pilot reports compiled by Air Transport Association (ATA) code in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>                                   |  |
| 10. | <p>Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system "performance analysis function", reflects long-term monitoring of Mechanical Interruption Summary Reports (MIS) in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>   |  |
| 11. | <p>Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system "performance analysis function", reflects long-term monitoring of any high number of unscheduled component removals in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p>   |  |
| 12. | <p>Check at the air carrier specified location by reviewing CAS documents that the operational data collected for long term monitoring of mechanical performance is in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (c)</p>  |  |
| 13. | <p>Check at the air carrier specified location by reviewing CAS documents that the data collected for long term monitoring of mechanical performance was done on forms in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (c)</p>   |  |
| 14. | <p>Check at the air carrier specified location by reviewing CAS documents that the data is being collected for long term monitoring of mechanical performance by those identified as being responsible for the collection of data in accordance with the Certificate Holder's design.</p>   |  |

|     |   |  |
|-----|---|--|
|     | <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (c)</p>  |  |
| 15. | <p>Check at the air carrier specified location by reviewing CAS documents that the data is being collected for long term monitoring of mechanical performance when identified in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (c)</p>  |  |
| 16. | <p>Check at the air carrier specified location by reviewing CAS documents that long term monitoring operational data is analyzed when identified in the CAS program in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (d)</p>  |  |
| 17. | <p>Check at the air carrier specified location by reviewing CAS documents that the initial analysis of long term monitoring operational data was performed by personnel identified in the CAS program as being responsible for that analysis in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (d)</p> |  |
| 18. | <p>Check at the air carrier specified location by reviewing CAS documents that long term monitoring operational data analysis generated corrective action when the performance standards warranted it in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (d)</p>  |  |
| 19. | <p>Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance system reflects a system of data collection in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65, Sec. 1, 5,B,(2)</p>  |  |
| 20. | <p>Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance system reflects a system of analysis in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65, Sec. 1, 5,B,(2)</p>   |  |
| 21. | <p>Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing aircraft inspections in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p>  |  |
| 22. | <p>Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing scheduled maintenance in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p>   |  |
| 23. | <p>Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing unscheduled maintenance in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p>   |  |
| 24. | <p>Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing aircraft, engine, prop, and appliance overhauls in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p>   |  |

|      |   |   |
|------|---|---|
|      | <p>25. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing aircraft, engine, prop, and appliance overhauls in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>26. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing maintenance manuals in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>27. Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing Mechanical Interruption Summary Reports (MISR's) in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B.</p> <p>28. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing vendor facilities and capabilities in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>29. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing maintenance organization staffing in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B</p> <p>30. Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance program is analyzing the Required Inspection Items Program (RII's) in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, B.</p> |   |
| 1.3. | <p>Did the certificate holder initiate corrective action plans with timelines based upon the severity of deficiencies in its inspection program and its program covering other maintenance, preventive maintenance, and alterations?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the air carrier specified location, by reviewing CAS documents that, the continuing analysis and surveillance program's continuous internal audit and analysis system has determined and implemented corrective actions in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Sec. 2, 5, A.</p> <p>2. Check at the air carrier specified location that deficiencies identified when an audit has been analyzed, has had a corrective action initiated in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <p>3. Check at the air carrier specified location by observing an audit that any deficiencies noted during an audit that allows for an on the spot correction, was done so in accordance with the Certificate Holder's design.<br/><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <p>4. Check at the air carrier specified location, by reviewing CAS documents, that timely implementation of corrective actions from data analysis is in</p>  | <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> |

|      |   |   |
|------|---|---|
|      | <p>accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C (6)(c)</p> <p>5. Check at the air carrier specified location, by reviewing CAS documents, that corrective actions had follow-up's to determine if the corrective action was effective in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C (6)(c)</p>  |   |
| 1.4. | <p>Were the certificate holder's Continuous Analysis and Surveillance (CAS) System meetings effective in identifying systemic problems, determining the root cause of deficiencies, and determining appropriate corrective actions?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the air carrier specified location by reviewing CAS documents that periodic meetings to discuss mechanical performance were conducted in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (b)</p> <ol style="list-style-type: none"> <li>2. Check at the air carrier specified location by observing a CAS meeting that mechanical performance was discussed and corrective actions were identified in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (b)</p> <ol style="list-style-type: none"> <li>3. Check at the air carrier specified location by observing a CAS meeting that that the items discussed were in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (b)</p> <ol style="list-style-type: none"> <li>4. Check at the air carrier specified location by observing a CAS meeting that the personnel identified in the CAS program to attend those meetings, were in attendance in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (b)</p> <ol style="list-style-type: none"> <li>5. Check at the FAA location that records of CAS meetings are being forwarded in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (b)</p> <ol style="list-style-type: none"> <li>6. Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system identifies performance deficiencies in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, A</p> | <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> |
| 1.5. | <p>Did the certificate holder conduct adequate follow-up to ensure that corrective actions were appropriate, timely, and effective?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit; to ensure it includes follow-up for those components removed in accordance with the Certificate Holder's design.</li> </ol>  | <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> |

|      |   |   |
|------|---|---|
|      | <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <p>2. Check at the air carrier specified location, by reviewing CAS documents that, the continuing analysis and surveillance program's continuous internal audit and analysis system is determining the effectiveness of corrective actions in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 2, 5, A.</p> <p>3. Check at the air carrier specified location by comparing CAS documents to the maintenance program that corrective actions are being phased into the maintenance program in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, C (5)</p>  |   |
| 1.6. | <p>Did the certificate holder comply with the requirements in its Continuous Analysis and Surveillance (CAS) System for responding to emergency/critical situations?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the air carrier specified location by reviewing CAS documents, that the continuing analysis and surveillance system "performance analysis function" has initiated emergency responses related to the performance of affected aircraft systems, including aircraft engines and components in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> <p>2. Check at the air carrier specified location by reviewing CAS documents that the continuing analysis and surveillance system "performance analysis function" initiated emergency responses related to emergency/critical situations such as contained engine failures in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5, B (1)(b)</p> <p>3. Check at the air carrier specified location by reviewing CAS documents that any defined critical and/or emergency safety-related situations were responded to in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p> <p>4. Check at the air carrier specified location by reviewing CAS documents that proper notification took place after identifying defined critical and/or emergency safety-related situations in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p> <p>5. Check at the air carrier specified location by reviewing CAS documents that after a defined critical and/or emergency safety-related situation was identified, a determination was made to see a similar situation exist on any other aircraft in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p> <p>6. Check at the air carrier specified location by reviewing CAS documents that after a defined critical and/or emergency safety-related situation was identified, corrective action was implemented in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p> <p>7. Check at the air carrier specified location by reviewing CAS documents</p> | <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> |



|      |   |  |
|------|---|--|
|      | <p>that after a defined critical and/or emergency safety-related situation was identified, the FAA was notified in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p> <p>8. Check at the FAA location that after the certificate holder identified a defined critical and/or emergency safety-related situation, the FAA received notification.</p> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37, Section 2, Paragraph 5, 3 (a)</p>   |  |
| 1.7. | <p>Were the personnel who carry out the functions of the Continuous Analysis and Surveillance (CAS) System properly trained?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the air carrier specified location while observing an audit that the auditor was qualified in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p> <ol style="list-style-type: none"> <li>2. Check at the air carrier specified location by reviewing completed audits, that the auditor was qualified in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 3, Chapter 37 Section 2, Paragraph 5, C(6)(b)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 2.   | <p>Were the certificate holder's policies, procedures, instructions, and information, contained in its manual, for the Continuous Analysis and Surveillance (CAS) System followed?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, to ensure it includes examining the administrative aspects of the operator's program in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <ol style="list-style-type: none"> <li>2. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit, to ensure it includes examining the supervisory aspects of the operator's program in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <ol style="list-style-type: none"> <li>3. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit to ensure it includes examining the administrative aspects of the operator's program for work done outside of the operator's basic organization in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <ol style="list-style-type: none"> <li>4. Check at the air carrier specified location, by reviewing a continuing analysis and surveillance system audit to ensure it includes examining the supervisory aspects of the operator's program for work done outside of the operator's basic organization in accordance with the Certificate Holder's design.</li> </ol> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1,5, B(1)(a)</p> <ol style="list-style-type: none"> <li>5. Check at the air carrier specified location by reviewing audit results or</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

|     |  |  |
|-----|--|--|
|     | <p>analysis, that the continuing analysis and surveillance system is addressing maintenance scheduling in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65, Sec. 1, 5,C</p>  |  |
| 6.  | <p>Check at the air carrier specified location by reviewing audit results or analysis, that the continuing analysis and surveillance system is addressing the control and accountability of work forms in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Sec. 1, 5,C</p> |  |
| 7.  | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system is addressing conformity to technical instruction in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>      |  |
| 8.  | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system is addressing compliance with procedural requirements in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>  |  |
| 9.  | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of maintenance equipment in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>        |  |
| 10. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of maintenance facilities in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>       |  |
| 11. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of shop orderliness in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>             |  |
| 12. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of parts protection in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>             |  |
| 13. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of parts inventory in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>              |  |
| 14. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system considers the adequacy of mechanic competency in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 5,C</p>          |  |
| 15. | <p>Check at the air carrier specified location, by reviewing audit results or analysis, that the continuing analysis and surveillance system reflects charting or other appropriate methods for recording and accounting of pertinent data at specified intervals in accordance with the Certificate</p>                             |  |

|    |  |  |
|----|--|--|
|    | <p>Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, B</p> <p>16. Check at the air carrier specified location that if a maintenance contract agency is used to provide the operator with essential information (such as failure characteristics, service times, etc.) the continuing analysis and surveillance system is receiving this information in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, C</p> <p>17. Check at the air carrier specified location, by reviewing CAS documents, that the continuing analysis and surveillance system reflects that data for a smaller fleet is reviewed individually when aircraft fleets are grouped together for the purposes of data collection in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, D</p> <p>18. Check at the air carrier specified location that if a contractor is used for total maintenance support, the responsibility for the CAS program has been retained by the operator in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, E</p> <p>19. Check at the air carrier specified location by reviewing the audit schedule that audits are not being deferred or rescheduled, which may show a lack of personnel and resources for the CAS program in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, E</p> <p>20. Check at the air carrier specified location by reviewing the amount of time to complete performance analysis functions after data is submitted, that an excessive amount of time does not take place to complete the analysis which may show a lack of personnel and resources for the CAS program in accordance with the Certificate Holder's design.<br/> <i>Sources:</i> Order 8300.10 Volume 2, Chapter 65 Section 1, 7, E</p> |  |
| 3. | Were the Continuous Analysis and Surveillance (CAS) System controls followed?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 4. | Did the records for the Continuous Analysis and Surveillance (CAS) System comply with the instructions provided in the certificate holder's manual?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 5. | Were the process measurements for the Continuous Analysis and Surveillance (CAS) System effective in identifying problems or potential problems and providing corrective action for them?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 6. | Did personnel properly handle the associated interfaces by complying with other written policies, procedures, instructions, and information that are related to this element?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

| <b>EPI SECTION 1 - PERFORMANCE OBSERVABLES</b><br><b>Drop-Down Menu</b> |  |
|---|--|
| 1.  | Personnel.   |
| 2.  | Tools and Equipment.                                 |
| 3.  | Technical Data.                                      |
| 4.  | Procedures, policies or instructions or information. |
| 5.  | Materials.   |
| 6.  | Facilities.  |
| 7.  | Controls.  |
| 8.  | Process Measures.                                    |
| 9.  | Interfaces.  |
| 10.   | Desired Outcome.                                     |
| 11.   | Other.   |

| <b>EPI SECTION 2 - MANAGEMENT RESPONSIBILITY &amp; AUTHORITY OBSERVABLES</b>   |  |
|--|--|
| <b>Objective:</b> The questions in this section address the responsibility and authority of the process. They are designed to assist the inspector in determining if there is a clearly identifiable, qualified, and knowledgeable person who is responsible for the process, is answerable for the quality of the process, and has the authority to establish and modify the process. (The person with the authority may or may not be the person with the responsibility.) |  |
| <b>Tasks</b>   |  |
|  | To meet this objective, the inspector must accomplish the following tasks:   |
|  | NOTE: If no personnel or major program changes (as defined by the principal inspector (PI)) affecting the responsibility or authority attributes for this element have occurred since the last SAI and/or EPI was accomplished, then do not perform tasks 3 - 6, below. Answer questions 1 and 2, below, and provide the name/title. |
| 1.   | Identify the person who has overall responsibility for the Continuous Analysis and Surveillance (CAS) System.  |
| 2.   | Identify the person who has overall authority for the Continuous Analysis and Surveillance (CAS) System.   |
| 3.   | Review the duties and responsibilities for the person(s) who manage the Continuous Analysis and Surveillance (CAS) System documented in the certificate holder's manual.   |
| 4.   | Review the appropriate organizational chart  |
| 5.   | Discuss the Continuous Analysis and Surveillance (CAS) System with the management personnel identified in tasks 1 and 2.   |
| 6.   | Evaluate the qualifications and work experience of the management personnel identified in tasks 1 and 2.   |

| <b>Questions</b> |  |  |
|------------------|--|--|
|                  | To meet this objective, the inspector must answer the following questions:   |  |
| 1.               | Is there a clearly identified person who is responsible for the quality of the Continuous Analysis and Surveillance (CAS) System?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br>Name/Title:                        |
| 2.               | Is there a clearly identified person who has authority to establish and modify the certificate holder's policies, procedures, instructions, and information for the Continuous Analysis and Surveillance (CAS) System? | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br>Name/Title:                        |
| 3.               | Does the responsible person know that he/she has responsibility for the Continuous Analysis and Surveillance (CAS) System?   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 4.               | Does the person with authority know that he/she has authority for the Continuous Analysis and Surveillance (CAS) System?   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 5.               | Does the person with responsibility for the Continuous Analysis and Surveillance (CAS) System meet the qualification standards?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 6.               | Does the person with authority to establish and modify the Continuous Analysis   | <input type="checkbox"/> Yes   |

|     |  |  |
|-----|--|--|
|     | and Surveillance (CAS) System meet the qualification standards?  | <input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change                                 |
| 7.  | Does the person with responsibility understand the controls, process measurements, and interfaces associated with the Continuous Analysis and Surveillance (CAS) System? | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 8.  | Does the person with authority understand the controls, process measurements, and interfaces associated with the Continuous Analysis and Surveillance (CAS) System?      | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 9.  | Does the responsible person know who has authority to establish and modify the Continuous Analysis and Surveillance (CAS) System?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |
| 10. | Does the individual with authority know who has the responsibility for the Continuous Analysis and Surveillance (CAS) System?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> No Change |

| <b>EPI SECTION 2 - MANAGEMENT RESPONSIBILITY &amp; AUTHORITY OBSERVABLES</b> |   |
|--|---|
| <b>Drop-Down Menu</b>  |   |
| 1.   | Assignment of responsibility.   |
| 2.   | Assignment of authority.  |
| 3.   | Does not understand procedures, policies or instructions and information. |
| 4.   | Does not understand controls.   |
| 5.   | Does not understand process measurements.                                 |
| 6.   | Does not understand interfaces.   |
| 7.   | Span of control.  |
| 8.   | Position vacant.  |
| 9.   | Other.  |